

Converting Colors

Hex(949AA5)

Have a look what the booklet for
Hex(949AA5) contains.

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Color

Hex(949AA5)

Conversions

Conversions Part 1

Format	Color
Hex	949AA5
RGB	148, 154, 165
RGB Percent	58%, 60%, 65%
CMY	0.4196, 0.3961, 0.3529
CMYK	0.10, 0.07, 0.00, 0.35
HSL	219°, 9%, 61%
HSV	219°, 10%, 65%
XYZ	30.5599, 32.1237, 40.1871
YIQ	153.4600, -7.1070, 2.1490

Conversions

Conversions Part 2

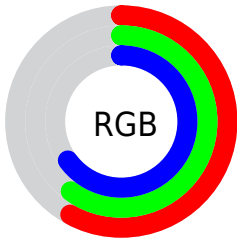
Format	Color
RYB	148, 152, 165
Decimal	9738917
CIELab	63.45, 0.10, -6.49
CIELCh	63, 6.489, 270.899
Yxy	32.1237, 0.2971, 0.3123
Android (android.graphics.Color)	4287928997 (0xFF949AA5)
YUV	153.4600, 5.6892, -4.7884
Hunter-Lab	56.6778, -2.9414, -2.3649

Details

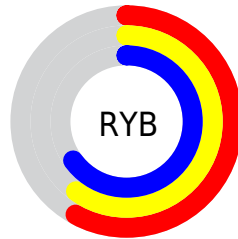
The Hex color **949AA5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A59F94**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CAD0DC**, and **616771** is the 20% darker color. If you saturate the color by 10%, you get **848FA5**, and if you desaturate by 10%, it is **A4A5A5**.

Distribution



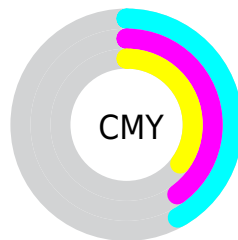
- Red (58%)
- Green (60%)
- Blue (65%)



- Red (58%)
- Yellow (60%)
- Blue (65%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 949AA5 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 949AA5 by changing the saturation by 10% instead.



949AA5



949AA5

FFFFFF



7A808B



CAD0DC



616771



E6EDF8



494F59



333841



1D232B



050D17



000000



949AA5



949AA5



848FA5



A4A5A5

7385A5

B5AFA5

637AA5

C5BAA5

526FA5

D6C5A5

4265A5

E6CFA5

315AA5

F7DAA5

214FA5

FFE5A5

1045A5

FFEFA5

003AA5

FFFAA5

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8E9CA3



949AA5



9B98A3

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



949AA5



A69694



919C94

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



949AA5



A59F94

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



989B90



949AA5



A49790

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



949AA5



A6969A



9E998E



8D9D9A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



949AA5



A097A1



9E998E



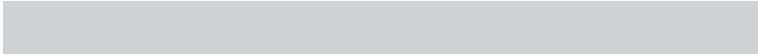
939C92

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



949AA5



D0D2D6



94A59F



67686B



EBEBEB



6B6B6B

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



949AA5



BCC6D6



9694A5



494C52



003391



000612

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A5949A



D6BCC6



A3A594



52494C



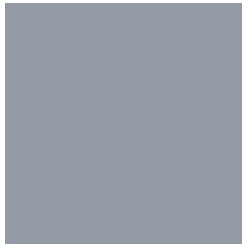
910033



120006

Previews

White Background



This preview shows how the Hex color 949AA5 looks on a white background.

Color Contrast Check

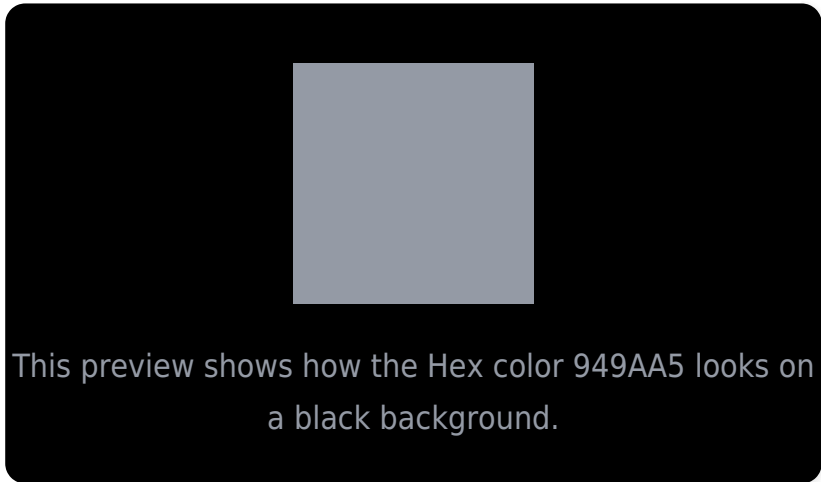
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

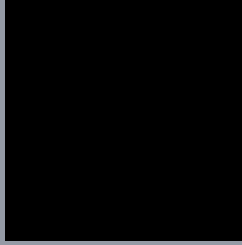
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

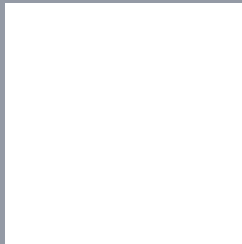
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 949AA5 Background



This preview shows how black text looks on a background with the Hex color 949AA5.

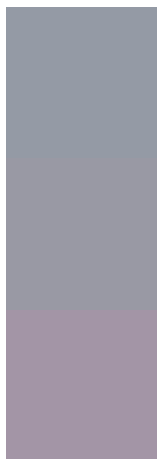


This preview shows how white text looks on a background with the Hex color 949AA5.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

949AA5

Protanopia

9999A4

Deuteranopia

A395A6



Tritanopia
949AA6

Trichromacy



Original Color
949AA5

Protanomaly
9799A4

Deuteranomaly
9E97A6

Tritanomaly
949AA6

Monochromacy



Original Color
949AA5

Achromatopsia
999999

Achromatomaly
97999D

CSS Examples

Text

The CSS property to change the color of the text to Hex 949AA5 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #949AA5 looks like.

```
.text, #text, p{  
    color:#949AA5  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #949AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949AA5
}
```

Border

The CSS property to change the border of an element to Hex 949AA5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#949AA5 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#949AA5 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #949AA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949AA5; -webkit-box-shadow:4px 4px  
4px 4px #949AA5; box-shadow:4px 4px 4px  
4px #949AA5 }
```

Background

The CSS property to change the background color of an element to Hex 949AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949AA5 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#949AA5 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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